

## Environmental Protection Agency

## § 86.099–8

(iv) Correct a component or system malfunction and show that with a correctly functioning system or component the failed vehicle meets applicable standards (or family emission limits, as appropriate) for which it was originally tested. The Administrator may require a new emission data vehicle, of identical vehicle configuration (or evaporative/refueling vehicle configuration, as applicable) to the failed vehicle, to be operated and tested for compliance with the applicable standards (or family emission limits, as appropriate) for which the failed vehicle was originally tested.

[59 FR 16293, Apr. 6, 1994, as amended at 62 FR 54719, Oct. 21, 1997; 75 FR 22980, Apr. 30, 2010]

### § 86.098–35 Labeling.

Section 86.098–35 includes text that specifies requirements that differ from §§ 86.095–35 and 86.096–35. Where a paragraph in § 86.095–35 or § 86.096–35 is identical and applicable to § 86.098–35, this may be indicated by specifying the corresponding paragraph and the statement “[Reserved]. For guidance see § 86.095–35.” or “[Reserved]. For guidance see § 86.096–35.”.

(a) introductory text through (a)(1)(iii)(B) [Reserved]. For guidance see § 86.095–35.

(a)(1)(iii)(C) Engine displacement (in cubic inches or liters), engine family identification and evaporative/refueling family identification.

(a)(1)(iii)(D)–(L) [Reserved]. For guidance see § 86.095–35.

(a)(1)(iii)(M) For model year 1998 light-duty vehicles, a clear indication of which test procedure was used to certify the evaporative/refueling family, e.g., “Evaporative /refueling Family xx (§ 86.130–96 procedures)” or “Evaporative /refueling Family xx (§ 86.130–78 procedures).”

(a)(1)(iii)(N) [Reserved]. For guidance see § 86.096–35.

(a)(2) heading through (a)(2)(iii)(K) [Reserved]. For guidance see § 86.095–35.

(a)(2)(iii)(L) [Reserved]

(a)(2)(iii)(M)–(a)(2)(iii)(N) [Reserved]. For guidance see § 86.095–35.

(a)(2)(iii)(O)–(a)(2)(iii)(P) [Reserved]. For guidance see § 86.096–35.

(a)(3) heading through (a)(4)(iii)(F) [Reserved]. For guidance see § 86.095–35.

(a)(4)(iii)(G) [Reserved]. For guidance see § 86.096–35.

(b)–(i) [Reserved]. For guidance see § 86.095–35.

(j) The Administrator may approve in advance other label content and formats provided the alternative label contains information consistent with this section.

[59 FR 16294, Apr. 6, 1994, as amended at 70 FR 72927, Dec. 8, 2005]

### § 86.099–8 Emission standards for 1999 and later model year light-duty vehicles.

(a)(1)(i)–(ii) [Reserved]

(iii) CST emissions from gasoline-fueled Otto-cycle light-duty vehicles measured and calculated in accordance with subpart O of this part may not exceed the standards listed in paragraphs (a)(1)(iii) (A) and (B) of this section.

(A) Hydrocarbons: 100 ppm as hexane.

(B) Carbon monoxide: 0.5%.

(2) [Reserved]

(3) The standards set forth in paragraph (a)(1)(iii) of this section refer to the exhaust emitted during the CST as set forth in subpart O of this part and measured and calculated in accordance with those provisions.

(b) Evaporative emissions from light-duty vehicles shall not exceed the following standards. The standards apply equally to certification and in-use vehicles. The spitback standard also applies to newly assembled vehicles. For certification vehicles only, manufacturers may conduct testing to quantify a level of nonfuel background emissions for an individual test vehicle. Such a demonstration must include a description of the source(s) of emissions and an estimated decay rate. The demonstrated level of nonfuel background emissions may be subtracted from emission test results from certification vehicles if approved in advance by the Administrator.

(1) *Hydrocarbons (for gasoline-fueled, natural gas-fueled, and liquefied petroleum gas-fueled vehicles).* (i)(A) For the full three-diurnal test sequence described in § 86.130–96, diurnal plus hot soak measurements: 2.0 grams per test.

(B) *For the supplemental two-diurnal test sequence described in § 86.130–96, diurnal plus hot soak emissions (gasoline-fueled vehicles only): 2.5 grams per test.*